



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 3, 2015

Sharon M. Johnston
Regulatory Consultant
Agent for OTC Chemical LLC
509 Tower Valley Drive
Hillsboro, MO 63050

Subject: Notification per PRN 98-10 – Minor label changes, fix typographical errors
Product Name: Cattle Shield Permethrin 1% Synergized Pour-On
EPA Registration Number: 91145-5
Application Date: March 16, 2015
Decision Number: 502569

Dear Ms. Johnston:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at fertich.elizabeth@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Urbanski".

Jennifer Urbanski, PhD, Product Manager 4
Invertebrate and Vertebrate Branch 1 (IVB1)
Registration Division (7505P)
Office of Pesticide Programs

Cattle Shield Permethrin 1% Synergized Pour-On

- [• Kills Flies & Lice
- Insecticide For Cattle, Sheep and Their Premises
- Synergized Formula For Effective Control
- Ready-To-Use as a Pour-On, Spray or Mist – or mix for Back-Rubber Use
- Also Kills Flies & Mosquitoes in and around premises
- Synergized Formula For Effective Control
- Can Be Used on Lactating Dairy Cattle
- Kills Flies & Lice on Beef and Lactating and non-Lactating Dairy Cattle
- Controls Lice and Flies on Beef Cattle, Lactating and Non-Lactating Dairy Cattle and Calves When Applied as a Pour-On, Mist Spray or Back-Rubber
- Controls Keds on Sheep When Applied as a Pour-On
- Insecticide That Kills Lice and Flies on Cattle and Keds on Sheep
- Treats 46 cattle (<550 lbs.) {for 1 gallon size packaging}
- Treats 115 cattle [<550 lbs.) {for 2 ½ gallon size packaging}
- Treats 51 cattle (5 cwt) {for gallon size packaging}
- Treats 25 cattle (10 cwt) {for gallon size packaging}
- Treats 128 cattle (5 cwt) {for 2.5 gallon size packaging}
- Treats 64 cattle (10 cwt) {for 2.5 gallon size packaging}

NOTIFICATION

91145-5

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/03/2015

[POUR-ON] – [SPRAY] – [MIST] – [BACK-RUBBER] – [PREMISE]

ACTIVE INGREDIENTS:

Permethrin*	1.0%
Piperonyl Butoxide**	1.0%
OTHER INGREDIENTS***:	98.0%
TOTAL	100.0%

*Cis-trans isomers ratio: Min. 45% (+ or -) cis and Max. 55% (+ or -) trans

** (butylcarbityl)(6-propylpiperonyl) ether and related compounds

***Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN CAUTION

See side/back panel [booklet] for additional precautions.

EPA Reg. No. 91145-5

EPA Est. No.

Manufactured For:
OTC Chemical LLC
PO Box 7995
Cave Creek, AZ 85327

Net Contents: x gals [quarts, pints]

FIRST AID	
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is no breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
If On Skin or Clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Contains Petroleum Distillate. Harmful if inhaled. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators (except for hand-held foggers or fog/mist generator use in indoor spaces) and other handlers must wear the following:

- Long-sleeve shirt,
- Long pants,
- Shoes and socks,
- Chemical-resistant gloves for all handlers except for applicators made of barrier laminate, nitrile rubber, neoprene rubber or viton,
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment and persons exposed to the concentrate and for handlers performing animal dip applications.

In addition to the above PPE, applicators using hand-held foggers or fog/mist generators in indoor spaces must wear:

- Coveralls over long-sleeve shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear, if overhead exposure; and,
- A half-face, full-face or hood-style NIOSH-approved respirator with a dust/mist filtering cartridge (NIOSH approval number prefix TC-84A),
- A canister approved for pesticides (NIOSH approval number prefix TC-14G), or,
- A cartridge or canister with any R, P, or HE filter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash-waters or rinsate.

This product may contaminate water through run-off. This product has a potential for run-off for several months or more after application. Poorly draining soils with shallow water tables are prone to produce run-off that contains this product. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. See Directions for Use for additional precautions and requirements.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS:

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- Do not apply as a broadcast treatment at indoor residential sites.
- Do not breathe spray mist.
- Application is prohibited in the State of California for control of sheep keds and lice on sheep.
- Do not use in aircraft cabins.
- Do not make applications during rain.
- This product is not for use in residential misting systems (indoor or outdoor).
- This product is not for use in metered release misting systems.
- This product is not for use in commercial animal premise automatic misting systems.
- Do not water treated area to the point of run-off.
- Do not use this product directly on domestic (companion) animals (dogs, cats, puppies, or kittens).
- Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to livestock, do not enter or allow others to enter treated area until sprays have dried.
- Except when applying to livestock, only protected handlers may be in the area during application.
- Do not use in food/feed areas of food handling establishment, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where food is served, such as dining rooms, but excluding areas where foods may be prepared or held.
- Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces or wash them before use.
- When used in dairy barns or facilities; close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Applications to soil or vegetation around structures, as listed on this label; (2) Applications to the side of a building up to a maximum height of 3 feet above grade; (3) Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure; (4) Applications around potential pest entry points into buildings when limited to a surface band not to exceed one inch in width; (5) Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutter or surface waters, in order to control occasional invaders or aggregating pests.
- Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.
- Remove pets, birds, and cover fish aquariums and ornamental fish ponds before spraying, and turn aquarium systems off prior to use.

READY TO USE – No dilution necessary except for back rubber devices.

Apply To:	Target Insects	Application Instructions
Lactating and Non-Lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes and Black Flies. Controls Horn Flies up to 6 weeks after application.	Dosage: Apply ½ fl. oz (15 cc) per 100 lbs. body weight of animal, up to a maximum of 5 fl. oz. for any one animal. Pour-On: Pour correct dose along back and down the face. Do not get in animals eyes. Ready To Use Spray: Use undiluted product in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. Back Rubber Use: Mix 1 pint per gallon of mineral oil or #2 diesel. Keep rubbing device charged. Results improved by daily forced use.
Sheep*	Sheep Keds*, Lice*	Pour-On: Pour along back. Apply ¼ fl. oz. (7.5 cc) per 50 lbs. of body weight of animal, up to a maximum of 3 fl. oz. for any one animal. For optimum control, all animals in the flock should be treated after shearing.

Premises – in and around Horse, Beef, Dairy, Swine, Sheep and Poultry premises. Animal Hospital Pens and Kennels and “outside” Meat Processing Premises.	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Little House Flies (<i>Fannia</i> spp.). Aids in control of cockroaches, ants, spiders, and crickets.	Ready-To-Use Spot Or Premise Spray: Use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticidal coating, paying particular attention to areas where insects crawl or alight. 1 gallon will treat approximately 7,300 square feet.
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*Not registered in the State of California for control of sheep keds and lice on sheep.

[APPLICATION INSTRUCTIONS:

Apply ½ fl. oz. per 100 lbs. body weight of animal up to a maximum of 5 fl. oz. for any one animal to kill lice, horn flies and face flies. Aids in insecticidal control of horse flies, stable flies, mosquitoes and black flies on lactating and non-lactating dairy cattle, beef cattle, calves and sheep. For sheep, apply ¼ fl. oz. per 50 lbs. body weight of animal up to a maximum of 3 fl. oz. for any one animal. **Pour-On:** Pour along back line and down face. For Keds* on sheep*, pour along back line over neck, shoulders and rump. **Ready-To-Use Spray:** Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. For Pour-On and Ready-To-Use Spray applications, repeat treatment as needed but do not exceed 5 fl. oz. for any one animal on cattle or 3 fl. oz. for any one animal on sheep during any 14 day interval. For optimum insecticidal effectiveness against lice, a second treatment at 14 day intervals is recommended. **Back-Rubber Use:** Mix one pint per gallon of mineral oil or #2 diesel. Keep rubbing device charged. For Back-Rubber applications, results are improved by daily forced use. For cattle and sheep, repeat treatment as needed, but not more often than once every two weeks. For optimum lice control, two treatments at a 14-day interval are recommended.]

[*Not registered in the State of California for control of sheep keds and lice on sheep.]

This product is not effective in controlling cattle grubs.

This product is an oil-based, ready-to-use product that may leave an oily appearance on the hair coat of some animals

This product should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

*Not registered in the State of California for the control of sheep keds and lice on sheep.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry (preferably locked) place in an area that is inaccessible to children and animals. Store in original, sealed container away from food or feed.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, dispose of on site or at an approved waste disposal facility.

CONTAINER HANDLING: For containers that do NOT include dilutable directions for use} Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

{For containers that DO include dilutable directions for use} Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Containers 5 gallons or under: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with solvent used to dilute the product and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Containers over 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with solvent used to dilute the product for use. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning, if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Direction for Use of this Product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of OTC Chemical LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold OTC Chemical LLC and Seller harmless for any claims relating to such factors.

OTC Chemical LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or OTC Chemical LLC., and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, OTC CHEMICAL LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither OTC Chemical LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF OTC CHEMICAL LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF OTC CHEMICAL LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

OTC Chemical LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of OTC Chemical LLC.

Product Batch Code No. _____